Inheritance:-

Inheritance is nothing but inheriting properties from one class to another class

Single inheritance:-it consists of two classes one class extends other

Ex:-car extends vehical class.

Multilevel inheritance:-when a class extends another class and another class extends another other class is called multilevel inheritance

Ex:-class C extends classB and class B extends classA

Multiple inheritance:-one class can extend two classes but the problem is if both sub class and super class have same methods then itis hard to identify for compiler which class is going to execute and which class we have to give importance that’s why java doesnot support multiple inheritance.

Hierarchy inheritance:- two sub classes can extend one parent class

Ex:-son can extend father class and also daughter can extend father class also